



SERIAL NO. 10/619,127  
INVENTORS: VAN HAL, RAMPRASAD

PATENT APPLICATION  
STC 01-0007

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: JAPP W. VAN HAL  
DORAI RAMPRASAD

Application No.: 10/619,127      Group No.: 1621  
Filed: 07/14/03      Examiner: Michael L. Shippen

For: A Process Using Water tolerant Lewis Acids in Catalytic Hydration  
of Alkylene Oxides to Alkylene Glycols

MAIL STOP AMENDMENT  
United States Patent and Trademark Office  
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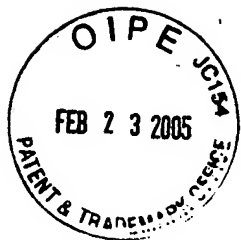
1. Amendment Under 37 CFR §1.111

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PATENT APPLICATION  
STC-01-0007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Jaap W. van Hal  
Dorai Ramprasad

Serial No.: 10/619,127

Group Art Unit: 1621

Filed: July 14, 2003

Examiner: Michael L. Shippen

For: A Process Using Water Tolerant Lewis Acids in Catalytic  
Hydration of Alkylene Oxides to Alkylene Glycols

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, Virginia 22313-1450

**AMENDMENT UNDER 37 CFR §1.111**

In response to the Office Action dated February 9, 2005,  
please amend the above-identified application as follows:

Amendment to the Claims:

Amend Claim 1 to read:

1. A process for the preparation of alkylene glycols comprising  
reacting an alkylene oxide with water in the presence of a  
catalyst of the formula  $MA_x$  wherein M is a Group IIIB, rare earth  
metal, actinide or ~~Group IVB~~ hafnium cation, A is a non-  
coordinating or weakly coordinating anion and x is the valence of  
M.